

# Declaration and Power of Attorney For Patent Application

## English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Method Of Estimating Elastic And Compositional Parameters From Seismic And Echo-Acoustic Data,  
the specification of which

(check one)

☐ is attached hereto.

☒ was filed on March 26, 2001 as

Application Serial No. 09/817,807

and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

<u>99 203 477.7</u> (Number)	<u>European</u> (Country)	<u>22 October 1998</u> (Day/Month/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<u>                    </u> (Number)	<u>                    </u> (Country)	<u>                    </u> (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<u>                    </u> (Number)	<u>                    </u> (Country)	<u>                    </u> (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>PCT/EP00/10464</u>	<u>22 October 1999</u>	<u>Abandoned</u>
(Application Serial No.)	(Filing Date)	(Status)
(designating, inter alia, the United States)		(patented, pending, abandoned)

<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	<u>(Status)</u>
		(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

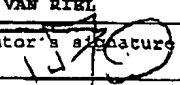
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

William H. Logsdon	22,132	Paul M. Reznick	33,059	Kent E. Baldauf, Jr.	36,082
Russell D. Orkin	25,363	John W. McIlvaine	34,219	Christian E. Schuster	43,908
David C. Hanson	23,024	Blynn L. Shideler	35,034	Thomas Clinton	40,561
Frederick B. Ziesenheim	19,438	Julie W. Meder	36,216	Dean E. Geibel	42,570
Richard L. Byrne	28,498	Lester N. Fortney	38,141	Nathan J. Prepelka	43,016
Kent E. Baldauf	25,826	Randall A. Notzen	36,882	Kirk M. Miles	37,891
Barbara E. Johnson	31,198	James G. Porcelli	33,757	Jessica M. Sosenko	47,102
				Gary F. Matz	45,504

Send Correspondence to:

Richard L. Byrne, 700 Koppers Building, 436 Seventh Avenue, Pittsburgh PA 15219-1818

Direct Telephone calls to: (name and telephone number) Richard L. Byrne (412) 471-8815

Full name of sole or first inventor Paul VAN RIEL	
Inventor's signature 	Date 20 JULY 2001
Residence Prinses Julianalaan 47, NL-3062 DD Rotterdam, The Netherlands	
Citizenship The Netherlands	
Post Office Address Prinses Julianalaan 47, NL-3062 DD Rotterdam, The Netherlands	
Full name of second joint inventor, if any Hendrik Willem Johan DEBEYE	
Second inventor's signature H. Debye	Date 20-7-2001
Residence Piet Heynstraat 130, NL-2518 CM Den Haag, The Netherlands	
Citizenship The Netherlands	
Post Office Address Piet Heynstraat 130, NL-2518 CM Den Haag, The Netherlands	

(Supply similar information and signature for third and subsequent joint inventors.)

COPY



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER

OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

WEBB, ZIESENHEIM, LOGSDON,

ORKIN & HANSON PC



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OCTOBER 22, 2001

PTAS

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PITTSBURGH, PA 15219-1818

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/13/2001

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NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

VAN RIEL, PAUL

DOC DATE: 07/20/2001

ASSIGNOR:

DEBEYE, HENDRIK WILLEM JOHAN

DOC DATE: 07/23/2001

ASSIGNEE:

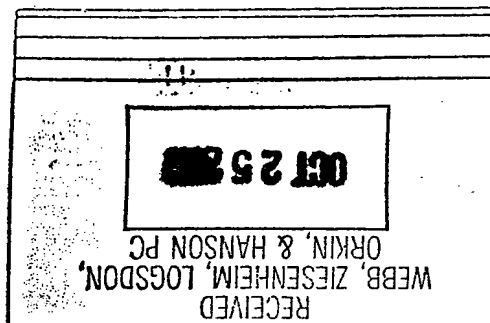
JASON GEOSYSTEMS B.V.  
PLAZA BUILDING, WEENA 598  
NL-3000 BN ROTTERDAM, NETHERLANDS

SERIAL NUMBER: 09817807

PATENT NUMBER:

FILING DATE: 03/26/2001  
ISSUE DATE:

JEFFREY OLSEN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



AUG 13 2001

08-21-2001

FORM PTO-1595

(Rev. 6-93)

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)

Tab settings -&gt; -&gt; -&gt; ▼

To the Assistant Commissioner for Patents:  
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Paul VAN RIEL and  
Hendrik Willem Johan DEBEYEAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: July 20, 2001 and July 23, 2001,  
respectively

2. Name and address of receiving party(ies)

Name: JASON GROSYSTEMS B.V.Street Address: Plaza Building, Weena 598,NL-3000 BN Rotterdam, The Netherlands

City: \_\_\_\_\_

State: \_\_\_\_\_

ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application,  
the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

09/817,807, received March 26, 2001

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:Name: Richard L. ByrneInternal Address: Webb Ziesenheim LogsdonOrkin & Hanson, P.C.Street Address: 700 Koppers Building436 Seventh AvenueCity: Pittsburgh State: PA ZIP: 15219-18186. Total number of applications and  
patents involved: 17. Total fee (37 CFR 3.41) .....\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach triplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy  
is a true copy of the original document.Russell D. Orkin

Name of Person Signing

Reg. No. 25,363

Signature

August 8, 2001

Date

Total number of pages including cover sheet, attachments and document 2Mail documents to be recorded with required cover sheet information to:  
Assistant Commissioner for Patents, Box Assignments  
Washington, D.C. 20231

1/20/2001 TDIAZI 00000160 09817807

FC:581

40.00 OP

## ASSIGNMENT

WHEREAS, WE, PAUL VAN RIEL and HENDRIK WILLEM JOHAN DEBEYE, residing in Rotterdam, The Netherlands and Den Haag, The Netherlands, respectively, have invented certain new and useful improvements in **METHOD OF ESTIMATING ELASTIC AND COMPOSITIONAL PARAMETERS FROM SEISMIC AND ECHO-ACOUSTIC DATA** for which an application for United States Letters Patent was filed on March 26, 2001, bearing Serial No. 09/817,807;

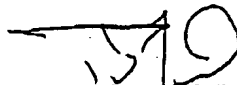
AND, WHEREAS, JASON GEOSYSTEMS B.V., a corporation of The Netherlands, having a place of business at Plaza Building, Weena 598, NL-3000 BN Rotterdam, The Netherlands, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to us by said assignee, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.


The Assistant Commissioner for Patents is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree jointly and individually that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

Date 20 July 2001

  
\_\_\_\_\_  
Paul Van Riel

Date 23 July 2001

  
\_\_\_\_\_  
Hendrik Willem Johan Debeye